



PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

**Complete if Known**

Application Number	10/774,241
Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al
Art Unit	Unknown 1624
Examiner Name	Not yet assigned COLEMAN
Attorney Docket Number	PC25654A

**U. S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)			class	subclass
BC		US- 6,313,307	11-06-2001	Ennis, et al,	548	229
BC		US- 6,051,716	04-18-2000	Hutchinson, et al.	548	229
BC		US- 5,614,535	03-25-1997	Juraszyk, et al,	514	326
BC		US- 5,565,571	10-15-1996	Barbachyn, et al.	546	144
BC		US- 6,271,383	08-07-2001	Gravestock, et al	546	209
BC		US- 5,981,528	11-09-1999	Gravestock, et al	514	252
BC		US- 5,523,403	06-04-1996	Barbachyn, et al	544	137
BC		US- 5,968,962	10-19-1999	Thomas, et al.	514	376
BC		US- 5,627,181	05-06-1997	Riedl, et al,	514	236
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BC		WO 01/46185	06-28-2001	Hester, et al		
BC		WO 96/15130	05-23-1996	Barbachyn, et al		
BC		WO 95/25106	09-21-1995	Yamada, et al		
BC		WO 97/09328	03-13-1997	Hutchinson, et al		
** BC		WO 99/40094	08-12-1999	Raddatz, et al		
BC		WO 98/54161	12-03-1998	Hester, et al		

Examiner  
Signature

Brenda Coleman

Date  
Considered

July 3, 2006

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

\*\* structures only

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Sheet 2

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of 13

Application Number	10/774,241
Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al
Art Unit	Unknown 1684
Examiner Name	Not yet assigned COLEMAN
Attorney Docket Number	PC25654A

[illegible]

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
* BC		DE 198 05 117	08-12-1999	Raddatz, et al		
* BC		DE 199 01 306	07-20-2000	Bartel, et al		

Examiner Signature	Brenda Coleman	Date Considered	July 3, 2006
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/774241
Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al.
Art Unit	Unknown 1624
Examiner Name	Not yet assigned COLEMAN
Attorney Docket Number	PC25654A

Sheet	3	of	3
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[illegible]

Examiner Signature	Brenda Coleman	Date Considered	July 3 2006
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Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al
Art Unit	Unknown 1624
Examiner Name	Not yet assigned COLEMAN
Attorney Docket Number	PC25654A

Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>Dwenda Coleman</i>	Date Considered	<i>July 31, 2004</i>
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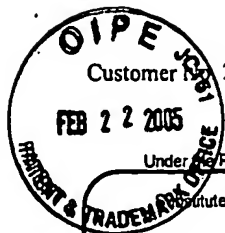
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**INFORMATION DISCLOSURE  
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(Use as many sheets as necessary)

Sheet 1 of 8

**Complete if Known**

Application Number	10/774,241
Filing Date	FEBRUARY 6, 2004
First Named Inventor	Boyer et al
Art Unit	Not Yet Known 1624
Examiner Name	Not Yet Known COLEMAN
Attorney Docket Number	PC25654A

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)			class	subclass
BC		US- 4,705,799	11-10-1987	Gregory	514	376
BC		US- 5,043,443	08-27-1991	Carlson et al	544	112
BC		US- 5,164,510	11-17-1992	Brickner	548	231
BC		US- 5,182,403	01-26-1993	Brickner	548	231
BC		US- 5,225,565	07-06-1993	Brickner	548	229
BC		US- 5,231,188	07-27-1993	Brickner	548	221
BC		US- 5,247,090	09-21-1993	Brickner	546	89
BC		US- 5,529,998	06-25-1996	Habich et al	514	233.8
BC		US- 5,547,950	08-20-1996	Hutchinson et al	514	252
BC		US- 5,652,238	07-29-1997	Brickner et al	514	235.8
BC		US- 5,684,023	11-04-1997	Riedl et al	514	337
BC		US- 5,688,792	11-18-1997	Barbachyn et al	514	235.5
BC		US- 5,698,574	12-16-1997	Riedl et al	514	376
BC		US- 5,792,765	08-11-1998	Riedl et al	514	236.8
BC		US- 5,827,857	10-27-1998	Riedl et al	514	301
BC		US- 5,843,967	12-01-1998	Riedl et al	514	340
BC		US- 5,861,413	01-19-1999	Habich et al	514	312
BC		US- 5,869,659	02-09-1999	Stolle et al	544	114
BC		US- 5,952,324	09-14-1999	Barbachyn et al	514	211

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BC		WO94/01110	01-20-1994	THE UPJOHN CO.		
BC		WO95/07271	03-16-1995	THE UPJOHN CO.		
BC		WO96/13502	05-09-1996	THE UPJOHN CO.		
BC		WO96/23788	08-08-1996	PHARMACIA		
BC		WO96/35691	11-14-1996	PHARMACIA		
BC		WO97/30995	08-28-1997	ZENECA		

Examiner Signature	Brenda Coleman	Date Considered	July 3, 2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 8

**Complete if Known**

Application Number	10/774,241
Filing Date	February 6, 2004
First Named Inventor	L. Chupak et al
Art Unit	Not Yet Known 1624
Examiner Name	Not Yet Known COLEMAN
Attorney Docket Number	PC25654A

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BC		US 5,990,136	11-23-1999	Barbachyn et al	514	340
BC		US 6,043,266	03-28-2000	Ennis et al	514	376
BC		US 6,069,145	05-30-2000	Betts	514	252
BC		US 6,069,160	05-30-2000	Stolle et al	514	367
BC		US 6,110,936	08-29-2000	Gravestock	514	315
BC		US 6,166,056	12-26-2000	Thomas et al	514	376
BC		US 6,194,441	02-27-2001	Roberts et al	514	340
BC		US 6,239,152	05-29-2001	Gordeev et al	514	340
BC		US 6,239,283	05-29-2001	Gage	548	225
BC		US 6,689,769	02-10-2004	Gordeev et al	514	183
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
** BC		WO99/03846	01-28-1999	BAYER		
BC		WO99/29688	06-17-1999	PHARMACIA		
** BC		WO99/37641	07-29-1999	BAYER AKTIEN...		
BC		WO99/37652	07-29-1999	BAYER AKTIEN...		
BC		WO99/64417	12-16-1999	ZENECA		
BC		WO00/21960	04-20-2000	ZENECA		

Examiner Signature	Brenda Coleman	Date Considered	July 3, 2006
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Application Number	10/774,241
Filing Date	February 6, 2004
First Named Inventor	L. Chupak et al
Art Unit	Not Yet Known 1634
Examiner Name	Not Yet Known COLEMAN
Attorney Docket Number	PC25654A

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BC		WO00/44741	08-03-2000	PHARMACIA		
BC		WO00/73301	12-07-2000	PHARMACIA		
BC		WO01/40236	06-07-2001	ASTRAZENECA AB		
BC		WO01/81350	11-01-2001	ASTRAZENECA		
BC		WO02/096916	12-05-2002	ASTRAZENECA AB		
BC		WO02/059155	08-01-2002	University of Leeds		

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Attorney Docket Number	PC25654A

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BC		EP0417044A2	08-29-1990	CIBA-GEIGY AG		
BC		EP0697408B1	08-10-1995	MERCK PATENT		

**Examiner  
Signature**

Brenda Coleman

Date  
Considered

July 3, 2006

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/774,241		
		Filing Date	February 6, 2004		
		First Named Inventor	L. Chupak et al		
		Art Unit	Not Yet Known 1624		
		Examiner Name	Not Yet Known COLEMAN		
Sheet	5	of	8	Attorney Docket Number	PC25654A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BC		ABDELAAL, et. al., "Synthesis of 1-[3-Methyl]-2(3H)-benzazolon-5- or 6-yl]-4-{4-[cis-2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-yl-methyl)-1,3-dioxolan-4-yl]methylene oxyphenyl]piperazines" Journal of Heterocyclic Chem., 29, 1069, (1992).	
BC		BARBACHYN, et. al. "Identification of a Novel Oxazolidinone (U-100480) with Potent Antimycobacterial Activity." Journal of Medicinal Chemistry. 1996, 39, 680-685.	
BC		BLACHE, et. al. "Application of the Mercuric Acetate-Edetic Acid Oxidation Method To The Synthesis of 11-Aza-1,2,3,4,5,6,7,12bpOctahydroindolo[2,3-a]Quinolizines." Heterocycles, Vol. 45, No.1, Pp.57-69, 1997	
BC		BODOR, Nicholas and J. Hillis Miller, "Novel Approaches in Prodrug Design." Drugs of the Future Vol. VI, No. 3, 1981, pp. 165-182.	
BC		YAMAMOTO, Yutaka, and Akihiko Yanagi. "Studies on Organometallic Compounds, II Facile and Convenient Method for the Synthesis of Iodoazines through Iododestannation of Trimethylstannylazines." Chem Pharm. Bull. 30(5) 1731-1737(1982).	
BC		BRICKNER, et. al. "Synthesis and Antibacterial Activity of U-100592 and U-100766, Two Oxazolidinone Antibacterial Agents for the Potential Treatment of Multidrug-Resistant Gram-Positive Bacterial Infections." Journal of Medicinal Chemistry. 1996, 39, 673-679.	
BC		BUNDGAARD, Hans. "Design of prodrugs: Bioreversible derivatives for various functional groups and chemical entities." Design of Prodrugs, Chapter 1, 1985.	
BC		CAVA, Michael P. and Matthew I. Levinson. "Thionation Reactions of Lawesson's Reagents." Tetrahedron Vol. 41, No. 22, pp. 5061-5087, 1985.	
BC		CLARK, Robert L. and Arsenio A. Pessolano. "Synthesis of Some Substituted Benzoxazolones." Journal of the American Chemical Society." Vol. 80, pp. 1662, 1958.	
BC		COMINS, et. al. "Preparation of 2,6-Disubstituted 2,3-Dihydro-4-pyridones: Dehydrogenation of Trimethylsilyl Enol Ethers with Palladium (II) Acetate." Tetrahedron Letters, Vol. 36, No. 52, pp. 9449-9452, 1995.	

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BC		COMINS, et. al. "Regio- and Stereoselective Addition of Nucleophiles to 1-Phenoxycarbonyl-2,3-Dihydropyridium Salts." Heterocycles, Vol. 37, No. 2, 1994, pgs 1121-1140.	
BC		DEHMLow, Eckehard, and Ralf Westerheide. "Studies Towards 3,4-Dimethoxy-1-Methyl-1,2-Dihydropyridine, so-called Arecolidine, or its Tautomers." Heterocycles, Vol. 37, No. 1, 1994, pgs. 355-366.	
BC		DIEZ, et. al. "Preparation of a New Chiral 5,6-Dihydropyridinium Synthon." Heterocycles, Vol. 31, No. 3, 1990, pgs., 485-492.	
BC		DODD, Dharmpal and Allan Oehlschlager. "Efficient Route to the Synthesis of C-2, C-3 Substituted 4-Piperidones." Tetrahedron Letters, Vol. 32, No. 30, pp. 3643-3646, 1991.	
BC		EVANS, et. al. "Regioselective Preparation of a,B-Unsaturated Ketones via the Direct Dehydrogenation of Triisopropylsilyl Enol Ethers." Tetrahedron Letters, Vol. 36, No. 23, pp. 3985-3988, 1995.	
BC		GAGE, et. al. "Stereodivergent synthesis of sulfoxide-containing oxazolidinone antibiotics." Tetrahedron Letters, 41 (2000) 4301-4305.	
BC		GUERRY Philippe and Reinhard Neier, "Photochemical Cycloadditions to 5,6-Dihydro-4-pyridones." Chimia 41 (1987) No. 10 (October), pgs., 341-342.	
BC		GUERRY, Philippe and Reinhard Neier. "Reduktion von 4-Pyridinonen." Synthesis, June 1984 pp. 485-488.	
BC		HAIDER, et. al. "140. Synthesis of 4-Oxo-1,2,3,4-tetrahydropyridine (2,3-Dihydro-4(1H)pyridinone)." Helvetica Chimica Acta - Vol. 58, Fasc. 5 (1975) - Nr. 139 - 140 pp. 1287-1292.	
BC		HERRINTON, et. al. "Iodination and Metal Halogen Exchange of Aromatic Compounds: An Improved Preparation of a Key Oxazolidinone Antibiotic Intermediate." Organic Process Research and Development 2001, 5, 80-83.	

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BC		ISHII, et. al. "Rhodium-Catalyzed Reaction of N-Acylpiperazines with CO and Ethylene, Carbonylation at a C-H Bond Directed by an Amido Group." Tetrahedron Letters, Vol. 38, No. 43, pp. 7565-7568, 1997.	
BC		KIRSCHBAUM, Stephen, and Herbert Waldmann. "Construction of the Tricyclic Benzoquinolizine Ring System by Combination of a Tandem Mannich-Michael Reaction with a Heck Reaction." Tetrahedron Letters, Vol. 38, No. 16, pp. 2829-2832, 1997.	
BC		KIRSCHBAUM, Stepen, and Herbert waldmann. "Three-Step Acces to the Tricyclic Benzo[a]quinolizine Ring System." Journal of Organic Chemistry. 1998, 63, 4936-4946.	
BC		LOCK, Ralf, and Herbert Waldmann. "Asymetric Synthesis of Highly Functionalized Tetracyclic Indole Bases Embodying the Basic Skeleton of Yohimbinep and Reserpine Type Alkaloids." Tetrahedron Letters, vol. 37, No. 16, pp. 2753-2756, 1996.	
BC		LOCK, Ralf, and Herbert Waldmann. "Enantioselective Construction of Highly Fuctionalized Indoloquinolizines Congeners to Polycyclic Indole Alkaloids." Chem. Eur. J. 1997, 3, No. 1, pp. 143-151.	
BC		MAI, et. al. "N-[4-(1,1'-Biphenyl)Methyl]-4-(4-Thiomorpholinylmethyl) Benzenamines, a New Class of Synthetic Antituberculosis Agents Active Against Mycobacterium Avium." Medicinal Chemistry Research, 9:3 (1999) 149-161.	
BC		NOTARI, Robert E., "Theory and Practice of Prodrug Kinetics." Methods in Enzymology, Vol. 112, 1985, pp. 309-323.	
BC		REGGELIN, Michael, and Cornelia Zur, "Sulfoximines; Structures, Properties and Synthetic Applications." Synthesis, 2000, No. 1, 1-64.	
BC		ROUSH, William R., and Bradley B. Brown. "Enantioselective Syntehsis of 2-Alkyl-5-methylene-1,3-dioxolan-4-ones and Exo-Selective Diels-Alder Reactions with Cyclopentadiene." Journal of Organic Chemistry. 1992, 57, 3380-3387.	
BC		STUTZ, P, and PA Stadler, "A Novel Approach to Cyclic b-Carbonyl-Enamines 7,8 - Lysergic Acid Derivatives Via The Polonovski Reaction." Tetrahedron Letters No. 51, pp. 5095 - 5098, 1973.	

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BC		English Abstract for GUERRY, Philippe "Reduktion von 4-Pyridinonen", Synthesis, 1984, 6, p. 485-8.	
BC		English Abstract for EP0417044A2, March 13, 1991	
BC		English Abstract for EP0697408B1, Feb. 21, 1996	

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